



MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

March 3, 1992

TO: Steve Sliver, Environmental Engineer, WMD  
FROM: Jan Sealock, Environmental Quality Analyst, WMD  
SUBJECT: Grede Foundries, Inc.  
Closure Documentation Report  
MID 006 131 890

I have reviewed Grede Foundries' Closure Documentation Report. The following deficiencies have been identified.

- 1) As indicated on page 15 of the Closure Work Plan for the Hazardous Waste Treatment Process (Appendix A), the soil analyses will be compared to background levels using the Gosset Student T-test statistical method. The soil analyses in this case are those collected underneath the semi-trailer transfer area. When comparing this Plan to the Closure Documentation Report, we see that Table 4 on page 33 has background levels for cadmium and lead as the mean plus three standard deviations. This discrepancy must be clarified. Either an amendment must be made to the closure plan or Grede must eliminate the mean + 3 sd and recalculate the results using the Gosset Student T-test. Dave Slayton has indicated to me that the mean + 3 sd is a better statistical analysis.
- 2) Looking once again at page 15 of the Closure Work Plan (Appendix A), it is pointed out that if total cadmium and lead levels are detected in the soil at levels statistically in excess of background but less than hazardous levels, the soils will be taken to a Type II landfill. Looking at Table 6, page 40, it can be seen that 9 total values exceed the mean + 3 sd for lead or cadmium. These confirmation samples have been left in place with no excavation. If the mean + 3 sd is to be the statistical analysis performed, these soils must be excavated in compliance with the Closure Documentation Report.

If you should have any questions, please see me.

cc: Mr. Phil Schrantz, DNR

✓ Ms. De Montgomery, DNR/EPA

*Jan Sealock*

A.4.5

GREDE FOUNDRIES, INC.

EXECUTIVE  
OFFICES

July 19, 1985

RECEIVED

JUL 26 1985

SOLID WASTE BRANCH  
U.S. EPA, REGION V

Mr. George Hamper, 5HS-13  
Region V, U. S. E. I. A.  
230 South Dearborn Street  
Chicago, Illinois 60606

Dear Mr. Hamper:

Grede Foundries, Inc. Iron Mountain Foundry  
E.P.A. ID #MID 006131890

Mr. Gary Ertel of our financial group spoke with you and Mr. Gold of the E.P.A., and with Mr. Charles Riley and Mr. Tom Polasik of the Michigan DNR regarding financial assurance requirements for our Iron Mountain operation. Apparently the feeling is that we postpone this work until our exemption is acted upon.

We will take this suggestion, and will look forward to hearing from you or the Michigan DNR regarding the action to be taken.

Thank you for your assistance.

Sincerely,



James T. Williams  
Vice President

JTW:cw

cc: Andrea G. Stewart  
Michigan Department of Natural Resources  
P.O. Box 128  
Roscommon, Michigan 48653

GREDE FOUNDRIES, INC.

EXECUTIVE  
OFFICES

April 29, 1983

Mr. William H. Miner, Chief  
Technical, Permits and Compliance Section  
U. S. Environmental Protection Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

RECEIVED  
MAY 2 1983

Dear Mr. Miner:

Grede Foundries, Inc.  
EPA ID No. MID 006131890

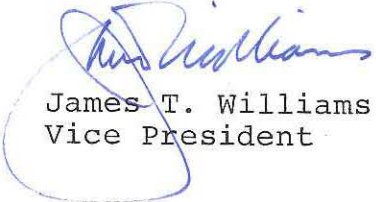
WASTE MANAGEMENT  
BRANCH

As requested in your letter of March 31, 1983, we are required to provide proof to the US EPA of financial assurance for closure of this facility. Cost estimates for closure of this treatment facility including cleanup of any storage bins and mixing equipment are \$1,500.

Enclosed find copy of submittal to the Wisconsin Department of Natural Resources which demonstrates Grede Foundries' ability to meet the financial responsibility test for closure costs of the landfill site substantially in excess of the closure cost for this facility.

As this information and report has been developed to reach substantially the same test as required under the EPA, and as the closure cost of the particular facility in question at \$1,500 are less than the cost which would be required to provide a separate opinion from our Certified Public Accountant for this facility, we ask that you consider the enclosed as substantially meeting the requirements of the Federal Regulations.

Very truly yours,

  
James T. Williams  
Vice President

CW  
Enc.  
cc: RCRA Activities  
William Muno



**GREDE FOUNDRIES, INC.**

GENERAL OFFICES  
P. O. BOX 26499  
MILWAUKEE, WISCONSIN 53226  
TELEPHONE (414) 257-3600

**GRAY IRON**  
SPRING CITY FOUNDRY-WAUKECHA, WISCONSIN  
IRON MOUNTAIN FOUNDRY-KINGSFORD, MICHIGAN  
HUTCHINSON FOUNDRY-HUTCHINSON, KANSAS  
**DUCTILE IRON**  
LIBERTY FOUNDRY-WAUWATOSA, WISCONSIN  
REEDSBURG FOUNDRY-REEDSBURG, WISCONSIN  
WICHITA FOUNDRY-WICHITA, KANSAS  
**STEEL**  
MILWAUKEE STEEL FOUNDRY-MILWAUKEE, WISCONSIN  
**SPECIAL SERVICES**  
HARTMANN INDUSTRIAL PRODUCTS-HUTCHINSON, KANSAS  
SHORT RUN SPECIALTY FOUNDRY-MILWAUKEE, WISCONSIN  
TOOLING CENTER-MILWAUKEE, WISCONSIN

November 10, 1932

Mr. Robert Krill, P.E., Director  
Solid Waste Bureau  
Wisconsin Department of Natural Resources  
101 S. Webster Street  
P.O. Box 7921  
Madison, WI 53702

Dear Mr. Krill:

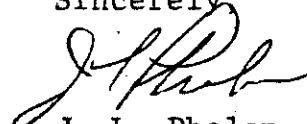
This letter contains information submitted as part of the initial license application for licensing proposed Grede Foundries, Inc. landfill at Reedsburg, Sauk County, Wisconsin.

Grede Foundries, Inc. is a closely held private corporation and does not publish an annual report. The information supplied to general credit inquiries is of a very limited nature and includes primarily a reference to Dun & Bradstreet by whom we are rated 4A1.

However, to meet the requirements of Section 144.443(4) Wisconsin Statutes, enclosed herein find a summary of the test embodied in Section 144.443(6), which demonstrates Grede Foundries' ability to meet the financial responsibility net worth requirements. Calculations of the figures was done in conjunction with calculations and explanation provided by DNR Analyst Vera Starch and your calculation of the test should, therefore, produce similiar figures.

Enclosed also is the opinion of our Certified Public Accountant as required by Section 144.443(4). I believe the information provided will allow you to issue a determination that Grede Foundries complies with the minimum financial responsibility standards.

Sincerely,

  
J. L. Phelan  
Secretary

JLP:cw  
Enc.

ARTHUR ANDERSEN & Co.

777 EAST WISCONSIN AVENUE  
P. O. Box 1215  
MILWAUKEE, WISCONSIN 53201  
(414) 271-5100  
November 12, 1982

Mr. J. L. Phelan, Secretary  
Grede Foundries, Inc.  
Post Office Box 26499  
Milwaukee, Wisconsin

We have examined the balance sheets of Grede Foundries, Inc. (the "Company"), as of October 31, 1981, November 1, 1980, November 3, 1979, October 28, 1978, and October 29, 1977, and the related statements of income, and changes in financial position for each of the five years then ended, and have expressed unqualified opinions on those financial statements. Our most recent report was dated November 23, 1981, and we have not performed any auditing procedures since that date. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

At your request, we have read your letter dated November 10, 1982, to the Director of Solid Waste Bureau, Department of Natural Resources, State of Wisconsin, supporting the Company's use of the net worth method of establishing proof of financial responsibility, as specified in Subpart 4, Section 144.443 of Chapter 374, Laws of 1981. As further required by such regulations, we have compared the data specified in Section I of your letter as having been derived from the independently audited financial statements referred to above with the corresponding amounts in such financial statements. In connection with this procedure, no matters came to our attention that caused us to believe that the specified data should be adjusted.

As a result of our examination of the financial statements as of and for the year ended October 31, 1981, it was our opinion as of November 23, 1981, that such financial statements include provision for or disclosure of all loss contingencies and contingent liabilities necessary to present fairly the financial position of the Company in conformity with generally accepted accounting principles.

This report is furnished solely for the use of the Company and the Company's distribution to the Director of Solid Waste Bureau and is not to be used for any other purpose.

Very truly yours,

*Arthur Andersen & Co.*

GREDE FOUNDRIES, INC.  
LANDFILL NET WORTH TEST

-----DESCRIPTION-----	-----YEAR-----				
	77	78	79	80	81
SECTION I: DATA DERIVED FROM FINANCIAL STATEMENTS					
TOTAL ASSETS				53683000	61667000
INTANGIBLE ASSETS				0	0
NET FIXED ASSETS				26540000	24012000
TOTAL LIABILITIES				20169000	24202000
LONG-TERM DEBT PAYMENTS				940000	994000
WORKING CAPITAL PROVIDED FROM OPERATIONS	8001000	9132000	10521000	4920000	11008000
INTEREST EXPENSE				991000	1122000
RENTAL EXPENSE				1934000	1773000
CAPITAL EXPENDITURES	6596000	5227000	10690000	7240000	3828000
DIVIDENDS	409000	506000	671000	698000	465000
EFFECTIVE COMBINED TAX RATE					.43
INTANGIBLE ASSETS				53683000	61667000
NET WORTH				33514000	37465000

SECTION II: RATIOS CALCULATED FROM ABOVE DATA

TAX FACTOR					1.7543860
CLOSURE PLUS LONG TERM CARE (CALCULATED BY VERA STARCH)					382115
REFERENCE			MINIMUM		
144.443 (6)(b)	NET WORTH TO CLOSURE AND LONG TERM CARE COST		6 OR BETTER		98.05
144.443 (6)(c)	EXCESS OF NET WORTH OVER MINIMUM		MIN. OF 10000000		27465000
144.443 (6)(d)	NET FIXED ASSETS TO TOTAL ASSETS RATIO		0.3 OR BETTER		0.39
144.443 (6)(e)	WORKING CAPITAL TO TOTAL LIABILITIES		0.1 OR BETTER		0.45
144.443 (6)(f)	TOTAL LIABILITIES TO NET WORTH RATIO		1.5 OR LESS		0.65
144.443 (6)(g)	CREDIT WORTHINESS		2.0 OR BETTER		3.00
144.443 (6)(h)	SELF FINANCING	1.15	1.65	0.92	0.58
	AVERAGE LAST FIVE YEARS		0.8 OR BETTER		1.41